

Issued:	October 1997
Status:	Standard
X11 Release:	23

LD 87: Electronic Switched Network 2

Overlay program 87 allows data which define the NARS/BARS/CDP features to be created, modified and printed.

Prompts and responses

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FEAT = CDP (Coordinated Dialing Plan)

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	CDP	Feature = CDP (Coordinated Dialing Plan)
TYPE	aaa	Type of steering code (aaa = LSC, DSC, or TSC)
LSC	x...x	Local Steering Code
- DMI	0-31	Digit Manipulation Index for LSC
- DEL	0-4	Number of digits to be deleted
DSC	x...x	Distant Steering Code
- FLEN	(0)-24	Flexible Length number of digits
- DSP	aaa	Display (aaa = LSC, LOC, or DN)
- RRPA	(NO) YES	Remote Radio Paging Access
- RLI	xxx	Route List to be accessed for Distant Steering Code
- CCBA	(NO) YES	Collect Call Blocking
TSC	x...x	Trunk Steering Code
- FLEN	(0)-24	Flexible Length number of digits
- ITOH	(NO) YES	Inhibit Time-out option
- CCBA	(NO) YES	Collect Call Blocking
- RLI	0-999	Route List to be accessed for trunk steering code

FEAT = FCAS (Free Calling Area Screening)

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	FCAS	Feature = FCAS (Free Calling Area Screening)
FCI	xxx	Free Calling Area Screening Index number
NPA	xxx	Three-digit NPA code to be screened
NXX	aaaa	NXX codes for NPA (aaaa = DENY or ALLOW)
- DENY	xxx xxx	NXX code or range of codes to be Denied
- ALLOW	xxx xxx	NXX code or range of codes to be Allowed

FEAT = FSNS (Free Special Number Screening)

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	FSNS	Feature = FSNS (Free Special Number Screening)
FSNI	1-255	Free Special Number screening Index
SPN	x...x	Special Number code to be screened
XXX	aaaa	Routing codes (aaaa = DENY or ALLOW)
- DENY	xxx xxx	Routing code or range of codes to be Denied
- ALLOW	xxx xxx	Routing code or range of codes to be Allowed

FEAT = NCTL (Network Control)

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NCTL	Feature = NCTL (Network Control)
SOHQ	(NO) YES	Off-Hook Queuing option
- OHTL	2-(10)-60	Off-Hook Queue Time Limit
SCBQ	(NO) YES	Call-Back Queuing option
- CBTl	10-(20)-30	Call-Back Queue Time Limit
- RANE	0-511	RAN route number for CBQ offer to ESN stations
- RANC	0-511	RAN route number for CBQ offer to Conventional main
NRNG	0-99 1-99	NCOS Range
NCOS	(0)-99	Network Class of Service group number
ARDL	a	ARDL network route selection is allowed from both initial and extended route sets or only the initial route set (a = (A) or I)
- MPL	aaaa	Maximum Precedence Level
- EQA	(NO) YES	Equal Access associated with this NCOS group
- FRL	(0)-7	Facility Restriction Level
- RWTA	(NO) YES	Expensive Route Warning Tone
- NSC	(NO) YES	Network Speed Call access allowed
- - LIST	0-253	List numbers to which System Speed Call has access
- OHQ	(YES) NO	Off-Hook Queuing eligibility
- CBQ	(NO) YES	Call Back Queuing eligibility
- RETT	2-(10)-30	Remote Virtual Queuing Retry Timer
- RETC	4-(5)-16	Remote Virtual Queuing Retry Counter
- - ROUT	a	Call Back Queuing on Initial or All Routes (a = (I) or A)
- - RADT	(0)-30	Route Advance Timer
- SPRI	(0)-3	Starting Priority in CBQ
- MPRI	(0)-3	Maximum Priority attainable in CBQ
- PROM	(0)-30	Priority Promotion timer
TOHQ	0-7	TCOS OHQ eligibility

Alphabetical list of prompts

Prompt	Response	Comment	Pack/Rel
ALLOW	xxx xxx <cr>	Routing code (NXX) code or range of codes to be allowed Stop ALLOW prompt	b/nars-20
ARDL	(A) I	ARDL network route selection is allowed from ALL (both initial and extended) route sets ARDL network route selection is only allowed from initial route set	ardl-22
CBQ	(NO) YES	Call Back Queuing eligibility	bque-1
CBTL	10-(20)-30	Call Back Queue Time Limit (in 2 second increments) This is the time in which the user must respond to Ring Again feature to accept the CBQ call. Applies to multi-line sets only.	b/nars-1
CCBA	(NO) YES	Collect Call Blocking (CCB) Denied Collect Call Blocking Allowed CCBA is prompted when TYPE =TSC or DSC. CCBA is prompted with CCB package 290.	ccb-21
CUST	0-99	Customer number associated with this function as defined in LD 15	esn-1
DEL	0-4 0-7	Number of digits to be Deleted Up to 7 digits with Directory Number Expansion (DNXP) package 150	cdp-1
DENY	xxx xxx <cr>	Routing (NXX) code or range of codes to be denied Stop DENY prompt.	b/nars-20
DMI	0-31 0-999	Digit Manipulation Index for LSC With Flexible Numbering Plan (FNP) package 160	b/nars-20
DSC	xxxx	Distant Steering Code Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Release 19 and later this is reprompted until <CR> is entered.	cdp-19

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Prompt	Response	Comment	Pack/Rel
DSP	(LSC) HLOC DN	Display Local Steering Code Home Location code Directory Number to be used for CLID Prompted with Flexible Numbering Plan (FNP) package 160 and ISDN are equipped.	fnp-20
EQA	(NO) YES	Equal Access associated with this NCOS group	eqa-18
FCI	1-127 1-255	Free Calling area screening Index number BARS NARS Table 0 is network reserved to indicate that no FCAS is applied.	b/nars-1
FEAT	CDP FCAS FSNS NCTL	Feature Coordinated Dialing Plan Free Calling Area Screening Free Special Number Screening (allowed with Flexible Numbering Plan (FNP) package 160) Network Control	esn-1
FLEN	(0)-24	Flexible Length number of digits Prompted with Flexible Numbering Plan (FNP) package 160. Prior to Release 22, FLEN can be up to 16 digits. For Release 22, FLEN can be up to 24 digits.	fnp-20
FRL	(0)-7	Facility Restriction Level FRL is assigned to each NCOS. It determines the entries in a Route List (RLI) to which it has access. 0 is the most restrictive, 7 is the least restrictive and can access more entries.	b/nars-1
FSNI	1-255	Free Special Number screening Index	fnp-20
ITOH	(NO) YES	Inhibit Time-out option	fnp-20
LIST	0-253 0-4095 <cr>	List numbers to which System Speed Call has access Release 13 and later All lists Precede with X to remove SSC list.	ssc-2

Prompt	Response	Comment	Pack/Rel
LSC	xxxx	Local Steering Code Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. With X11 Release 19 and later this is reprompted until <CR> is entered.	cdp-19
MPL	aaaa	Maximum Precedence Level	
MPRI	(0)-3	Maximum Priority attainable in CBQ	bque-1
NCOS	(0)-3 (0)-7 (0)-15 (0)-99	Network Class of Service group number CDP BARS/CDP and NFCR NARS and NFCR Release 13 and later	ncos-1
NPA	xxx	Three-digit NPA code to be screened (the first digit must be 2-9; the second and third digits can be 0-9). Omit the "1" in 1 + NPA format. With X11 release 18 and earlier, the allowed response is 100-999. With X11 release 19 and later, the allowed responses are 200-999. Only 3 digits are allowed, even when using 1 + dialing. BARS allows up to 7 NPA codes per table with a maximum of 800 NXX codes each. With Release 19 and later, allow up to 15 NPA codes per table with BARS. NARS allows up to 15 NPA codes per table with a maximum of 800 NXX codes each.	nanp-19
	xxx yyy	Area code or extended NPA code translation (Release 20). Where xxx & yyy = 200 - 999. FCAS accepts only three digits for the NPA, even if 1 + dialing in use.	
NRNG	0-99 1-99 <cr>	NCOS Range (starting and ending number for NCOS printing) Pressed without defining the ending number, then only the NCOS with the starting number defined is printed. For Release 14 and later. Prompted when REQ = PRT.	ncos-14
NSC	(NO) YES	Network Speed Call access allowed	nsc-2

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Prompt	Response	Comment	Pack/Rel
NXX	DENY ALLOW	NXX codes to be denied for NPA NXX codes to be allowed for NPA	b/nars-1
OHQ	(YES) NO	Off-Hook Queuing eligibility	ohq-1
OHTL	2-(10)-60	Off-Hook Queue Time Limit (in 2 second increments) This is the maximum amount of time a user will remain off-hook for OHQ before it times out. After timeout the system searches once before going to Network Blocking Intercept treatment. If an odd number is entered, it is rounded up to the next even number.	b/nars-1
PROM	(0)-30	Priority Promotion timer (in 30 second increments, where: 1 = 30 seconds and 30 = 15 minutes)	pque-1
RADT	(0)-30	Route Advance Timer (in 30 second increments, where: 1 = 30 seconds and 30 = 15 minutes)	bque-1
RANC	0-511	RAN route number for CBQ offer to Conventional main Enter X to remove RAN route.	nars-1
RANE	0-511	RAN route number for CBQ offer to ESN stations Enter X to remove RAN route.	nars-1
REQ	CHG END LCHG NEW OUT PRT	Request Change existing data block Exit Overlay program Print date and time that each data group level was last changed (data groups include: NCTL, FCAS, FSNS, LSC, DSC, and TSC) Create new data block Delete existing data block Print data block	esn-1
RETC	4-(5)-16	Remote Virtual Queuing Retry Counter. This is the number of times the initial set should be searched before the scanning includes the extended set. Once the retry counter threshold is met, each node in the network searches its extended set.	rvq-18

Prompt	Response	Comment	Pack/Rel
RETT	2-(10)-30	Remote Virtual Queuing Retry Timer in seconds. This is the number of seconds between forward scanning attempts.	rvq-18
RLI	0-31 0-127 0-255 0-999	Route List accessed for trunk or distant steering code CDP BARS NARS Flexible Numbering Plan (FNP) (X11 Rel 20 & later)	cdp-20
ROUT	(I) A	Call Back Queuing on Initial routes The system offers queuing only after examining ISET (Initial Set) entries. Call Back Queuing on All routes The system examines all entries in the route list, both ISET (Initial Set) and ESET (Extended Set) before offering queuing.	bque-2
RRPA	(NO) YES	Remote Radio Paging Access (Remote Radio Paging FFC is being used). Prompted if a CDP, TSC or DSC is being added or changed.	rpa-20
RWTA	(NO) YES	Expensive Route Warning Tone	b/nars-1
SCBQ	(NO) YES	Call Back Queuing option	b/nars-1
SOHQ	(NO) YES	Off-Hook Queuing option	b/nars-1
SPN	x...x	Special Number code to be screened. SPN can be 1 to 11 digits prior to Release 22. SPN can be 1 to 19 digits for Release 22 and later.	fnp-20
SPRI	(0)-3	Starting Priority in CBQ	pque-2
TOHQ	0-7 <cr>	TCOS OHQ eligibility Which TCOS (i.e., FRL) are OHQ eligible (Up to 8 entries). No TCOS are OHQ eligible Precede with X to remove OHQ eligibility from a TCOS.	b/nars-1

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Prompt	Response	Comment	Pack/Rel
TSC	xxxx	Trunk Steering Code Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. With X11 Release 19 and later this is reprompted until <CR> is entered.	cdp-19
TYPE	LSC DSC TSC FSNS ALL	Local Steering Code Distant Steering Code Trunk Steering Code Free Special Number Screening Index (x11 release 20 & later) All steering codes	fnp/ cdp-20
XXX	DENY ALLOW	Routing codes to be denied Routing codes to be allowed	fnp-20
